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# TREE PROFINET managed Switch 5x10/100BT IP67 plastic M12

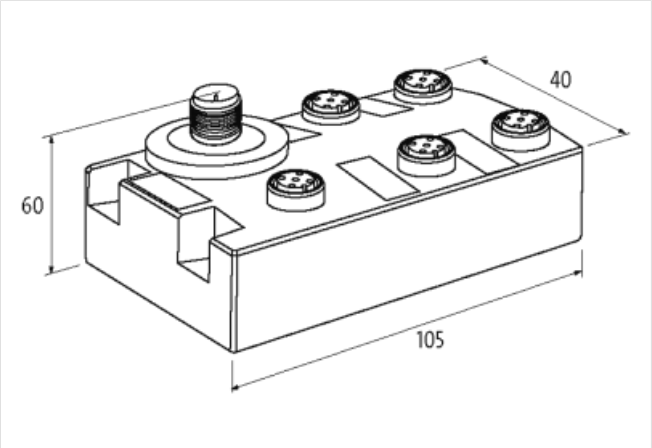
Art.No.: 58184
Weight: 0.26
Country of origin: DE
Model designation: TREE M-5TX PN IP67

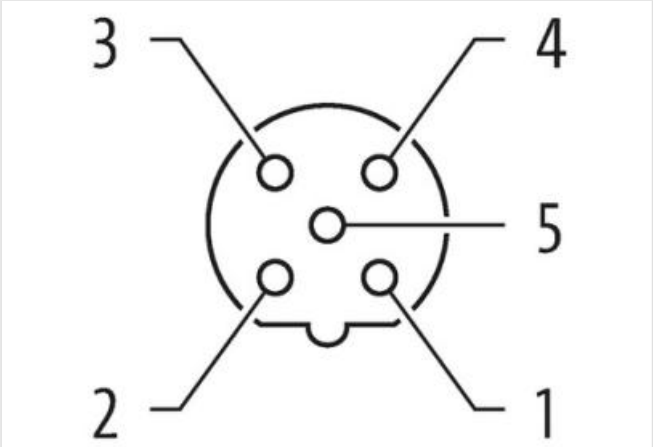
5 ports
PROFINET - Managed Switch
Connection cables are in the online shop under "Connection Technology".

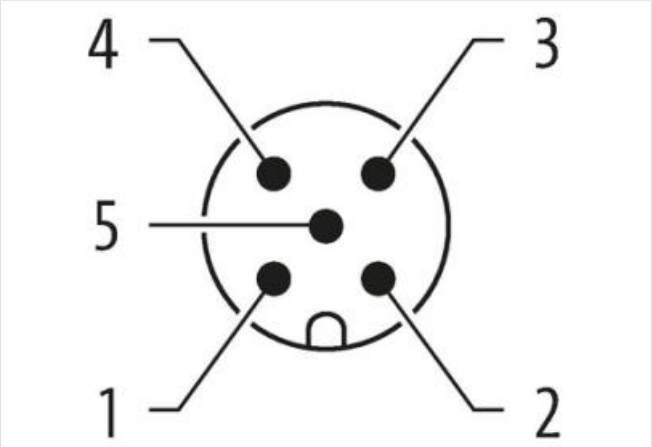
## Link to Product

### Illustration






Product may differ from Image

### Commercial data

| | |
|---|---|
| ECLASS-6.0 | 19170106 |
| ECLASS-6.1 | 19170106 |
| ECLASS-7.0 | 19170106 |
| ECLASS-8.0 | 19170106 |
| ECLASS-9.0 | 19170401 |

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| | |
|---|---|
| ECLASS-10.1 | 19170401 |
| ECLASS-11.1 | 19170401 |
| ECLASS-12.0 | 19170401 |
| ETIM-5.0 | EC000734 |
| customs tariff number | 85176200 |
| GTIN | 4048879720311 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage DC min. | 9,5 V |
| Operating voltage DC max. | 31,5 V |
| Current consumption min. | 97,5 mA |
| Current consumption max. | 162,5 mA |
| **Industrial communication** | |
| Supported protocol | PROFINET |
| Data transmission rate max. | 100 MBit/s |
| **Industrial communication \| Ethernet functionality** | |
| Auto-crossover | yes |
| Auto-negotiation | yes |
| duplex | Full duplex |
| LLDP frames | forwarding |
| Ring topology | RSTP, MRP, STP |
| Switch type | managed |
| **Industrial communication \| Profinet** | |
| FSU (Fast-Start-Up) | no |
| MRP client | yes |
| PROFINET Netload Class | I |
| PROFINET addressing | DCP |
| PROFINET conformance class | B |
| PROFINET specification | V2.3 |
| Shared device/input | no |
| **Industrial communication \| IIoT functions** | |
| Webserver | HTTP, HTTPS |
| **Switch Management** | |
| Addressing | BOOTP/DHCP client, DCP, SSH-Befehlszeile |
| RSTP (IEEE 802.1D-2004, IEC 62439-1) | Default on |
| Simple Network Management Protocol (SNMP) | v1 + v2c + v3 (default active) |
| VLAN managed (IEEE 802.1Q) | no |
| Time synchronization | Real-time clock, NTP client |
| **Diagnostics** | |
| Alarm contact | no |
| Diagnostic | No voltage |
| Remote maintenance | Open VPN client |
| LED display | Ethernet connection/data traffic |
| Port mirroring | 1:1 |
| RMON | yes |
| SNMP traps | yes |
| Syslog | yes |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| **Mechanical data \| Material data** | |
| Color housing | black |

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| | |
|---|---|
| Material housing | Plastic |
| **Mechanical data \| Mounting data** | |
| Suitable for mounting type | 3 hole screw mounting |
| Height | 105 mm |
| Width | 60 mm |
| Depth | 40 mm |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | 0 °C |
| Operating temperature max. | 60 °C |
| Storage temperature min. | -40 °C |
| Storage temperature max. | 85 °C |
| **Connection type 2** | |
| Connection type 1 | 4, 5 |
| Mounting method | inserted, screwed |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | D |
| No. of poles | 4 |
| PIN 1 | TD + |
| PIN 2 | RD + |
| PIN 3 | TD - |
| PIN 4 | RD - |
| Family construction form | M12 |
| Gender | male |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 5 |
| PIN 1 | 24 V DC (UB 1) |
| PIN 2 | RD |
| PIN 3 | 0 V |
| PIN 4 | TD |
| PIN 5 | n.c. |

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